

SERVICE AND APPLICATION NOTES

May 26, 2015
Revised August 28, 2015

iHarmony® Zoning System Wiring Change (Alert Code 120)

AFFECTED MODELS

All iComfort® control systems using iHarmony® zoning system

ISSUE

Alert Code 120 has been observed in system using existing wiring methods recommend for the iHarmony® Zoning System. This issue has been duplicated in our test facility and a recommended changed in the wiring method is required to reduce communication outages or delays between iComfort® system components.

The new preferred wiring method is to:

- Connect either the iComfort Wi-Fi® or the iComfort® S30 Smart Hub (whichever is applicable) directly to the indoor iComfort® unit.
- Connect the iHarmony® Zoning System control directly to the iComfort® indoor unit. (This means no direct wiring to the thermostat terminals or Smart Hub from the iHarmony® zoning system damper control module).

If an existing system has demonstrated this issue, then it is highly recommended to use the new wiring method. The system may still work using the original wiring method, however the new recommended method will decrease line interfere in communications. Using the new wiring method will also result in a more stable and efficient system. Refer to figures 1 and 2 for using the recommended new wiring.

Wiring diagrams in existing installation and service documentation will be updated to reflect the new wiring method.

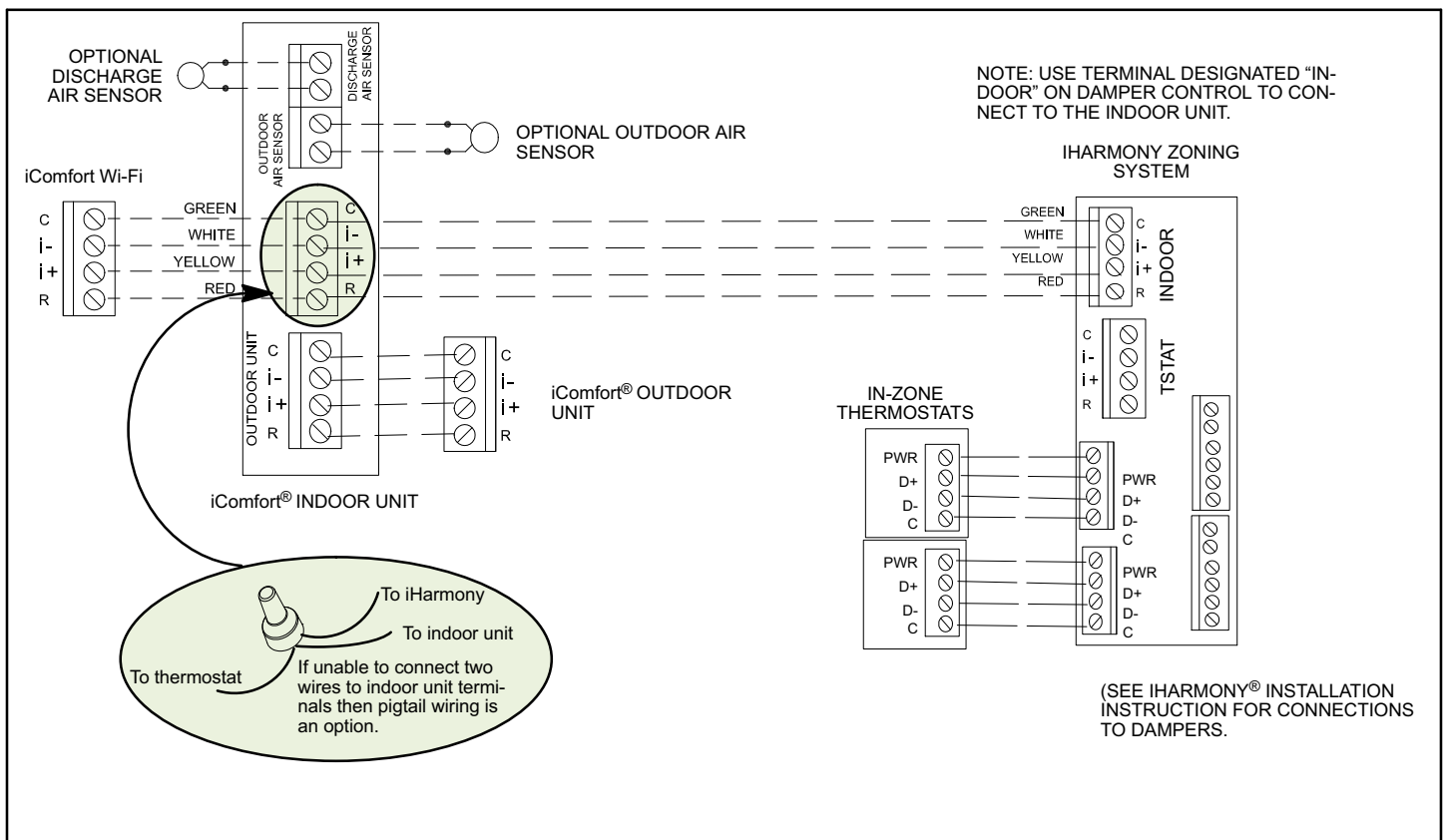


Figure 1. iComfort Wi-Fi® and iHarmony® Zoning System



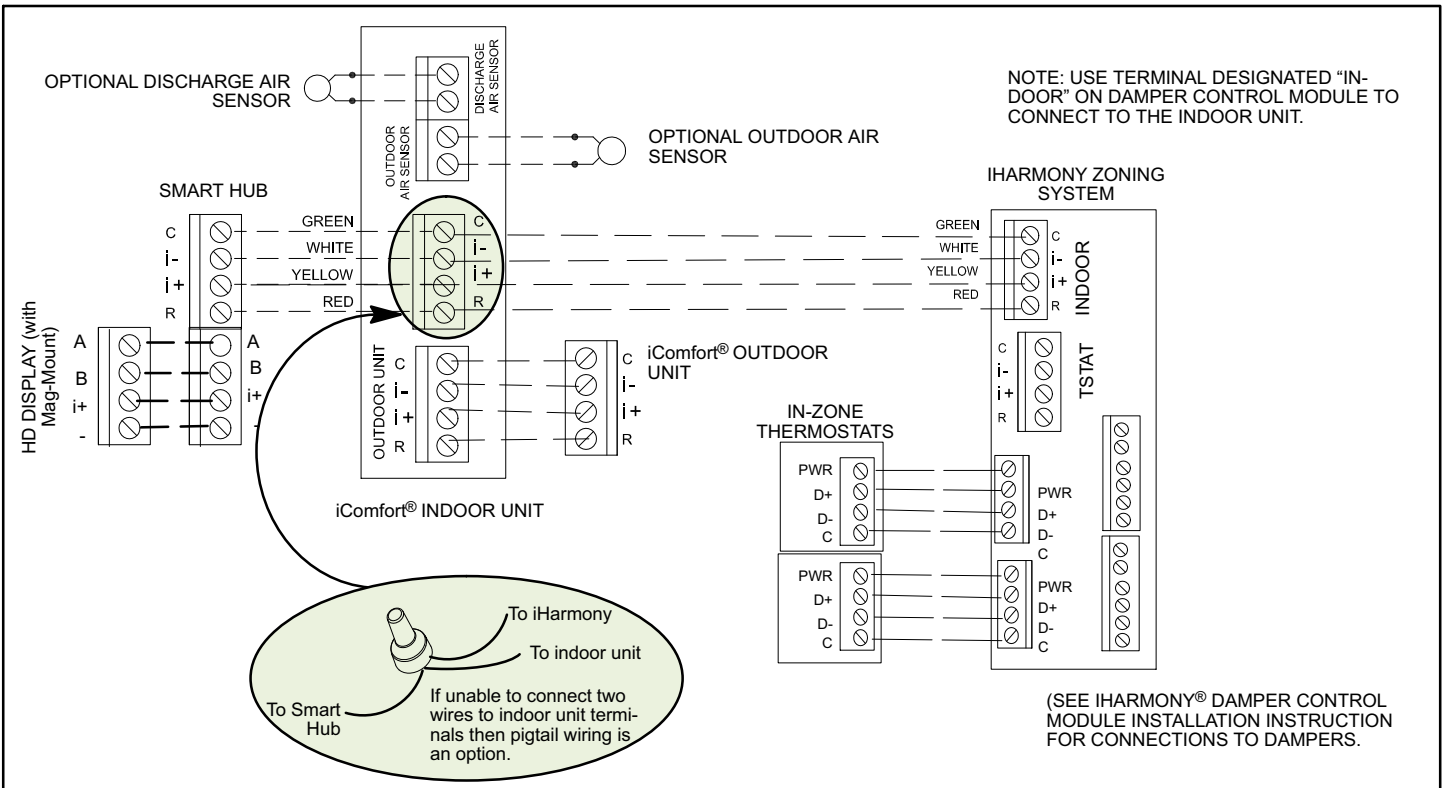


Figure 2. iComfort® S30 and iHarmony® Zoning System